Matthew Clifford

Software Developer

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Portfolio: mjclifford.com | GitHub: github.com/BuenVia

Professional Profile

Python-focused Software Developer with professional experience building and deploying scalable web applications. Proven record of delivering **high-impact tools**, including Python automations that saved **800+ staff hours annually** and cloud-based apps used by **thousands of users**. Skilled across backend and full-stack development (Python, Django, Node.js, React) with strong cloud deployment and database expertise. Fluent in Spanish, with international work experience in the UK, Spain and worldwide.

Core Skills

Programming Languages: Python, JavaScript, PHP

Frameworks/ Libraries: React, Django, Pandas, Laminas, NodeJS

Database: PostgreSQL, MongoDB, SQL

Cloud & DevOps: AWS, REST APIs, Linux, Jira, Agile, Docker, Kubernetes

Other: LLMs & Al integration, automation, HTML5, CSS, Linux

Professional Experience

Software Developer — HFX, UK

Oct 2023 - Present

- Developed Python-based data integration tools, **ensuring consistent and accurate data flows** between 3rd party systems and our SaaS product through REST APIs.
- Integrated Al and LLMs into production applications, automating repetitive business tasks.
- Enhanced PHP and JavaScript web apps (Laminas, React, Django) to improve user experience and reliability.
- Collaborated in an Agile cross-functional team to optimise system performance.

Software Developer (Part-time) & Senior H&S Specialist (Full-time) — Expedia, UK May 2021 – Oct 2023

- Created Python automation tools that saved **800+ hours annually** in team workload.
- Built and deployed a Node.js API service on AWS, now used daily by thousands of staff worldwide.
- Designed a backend Slack app in JavaScript to streamline internal communications.
- Balanced dual responsibilities in software engineering and operational safety.

H&S Technical Advisor, Trainer & Auditor — SGS Madrid, Spain / Checkpoint Solutions, UK

2007 – 2020 (various roles)

- Delivered H&S audits and training across 30+ countries, in English and Spanish.
- Worked with international clients in the travel and tourism sector.

Education

University of Greenwich, UK

- BA (Hons), Music Production

Languages



